



## STATEMENT OF ACADEMIC RECORD

This is to certify that **Mr Ernest Bonginkosi Mamba** was registered as detailed below:

**Student ID:** 698552

**Date:** 04 December 2018

**Program/Course**

**Final Result**   **Result**  
**Marks**   **Code**   **Decision**   **Exam**  
Type

**2013**

**Bachelor of Science (Full-Time)**

**Year of Study 1**

CHEM1012 Chemistry  
MATH1034 Algebra I  
MATH1036 Calculus I  
PHIL1001 Critical Thinking & Philosophical Reasoning I  
PHYS1000 Physics I (Major)

57 D PASS  
58 D PASS  
63 C PASS  
35 F FAIL  
66 C PASS

**AGGREGATE:** 58

**OUTCOME:** Permitted to proceed

**2014**

**Bachelor of Science in Engineering (Electrical) (Full-Time)**

**Year of Study 1**

ELEN1000 Electric Circuits  
ELEN1003 Critical Thinking  
ELEN1004 Engineering Skills and Design  
PHYS1015 Mechanics  
CHEM1033 Chemistry I (Auxiliary) (Engineering)  
MATH1014 Mathematics I (Engineering)  
PHYS1014 Physics I

87 A PASS  
66 C PASS  
50 D PASS  
69 C PASS  
Credit Granted  
Credit Granted  
Credit Granted

**AGGREGATE:** 69

**OUTCOME:** Permitted to proceed

**2015**

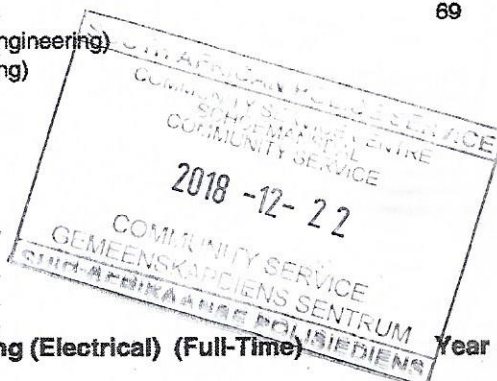
**Bachelor of Science in Engineering (Electrical) (Full-Time)**

**Year of Study 2**

COMS2004 Data Structures and Algorithms  
ELEN1998 Vacation Work 1 (Electrical)  
ELEN2001 Electronics I  
ELEN2003 Electric and Magnetic Systems  
ELEN2004 Software Development I  
ELEN2005 Signals and Systems I  
ELEN2006 Microprocessors  
ELEN2009 Software Development I PT  
MATH2014 Mathematics II  
PHYS2007 Physics II (Electrical)  
PHYS2007 Physics II (Electrical)

58 D PASS  
\*\*\* \*\*\* \*\*\*  
55 D PASS  
53 D PASS  
50 D FCOM  
75 A PASS  
50 D PASS  
73 B PASS  
53 D PASS  
40 F WSP1  
FAIL

**SUPP EXAM**



# UNIVERSITY OF THE WITWATERSRAND JOHANNESBURG



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**Final Result**  
**Marks Code Decision**

**Exam**  
**Type**

**AGGREGATE:** 55

**OUTCOME:** \*\*\*

**2016**

**Bachelor of Science in Engineering (Electrical) (Full-Time)**

**Year of Study 2**

ELEN1998 Vacation Work 1 (Electrical)  
ELEN3000 Electromagnetic Engineering  
ELEN3007 Probabilistic System and Signal Analysis  
ELEN3009 Software Development II  
ELEN3018 Economics of Design  
MATH3025 Mathematical Methods  
PHYS2007 Physics II (Electrical)

77	A	PASS
82	A	PASS
53	D	PASS
55	D	PASS
62	C	PASS
76	A	PASS

**AGGREGATE:** 66

**OUTCOME:** Permitted to proceed on a special curriculum

**2017**

**Bachelor of Science in Engineering (Electrical) (Full-Time)**

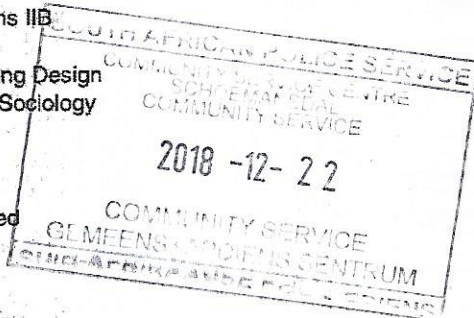
**Year of Study 3**

ELEN1999 Vacation Work 2 (Electrical)  
ELEN3002 Electronics II  
ELEN3003 Power Engineering  
ELEN3012 Signals and Systems IIA  
ELEN3013 Signals and Systems IIB  
ELEN3016 Control I  
ELEN3017 Electrical Engineering Design  
ELEN4019 Selected Topics in Sociology

65	C	PASS
81	A	PASS
63	C	PASS
73	B	PASS
81	A	PASS
81	A	PASS
61	C	PASS

**AGGREGATE:** 73

**OUTCOME:** Permitted to proceed



**2018**

**Bachelor of Science in Engineering (Electrical) (Full-Time)**

**Year of Study 4**

ELEN4000 Electrical Engineering Design II  
ELEN4002 Electrical Engineering Laboratory  
ELEN4006 Measurement Systems  
ELEN4010 Software Development III

79	A	PASS
68	C	PASS
70	B	PASS
54	D	PASS





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### Program/Course

ELEN4016 Control II  
ELEN4018 Power Systems  
ELEN4020 Data Intensive Computing in Data Science  
MECN4020 Systems Management and Integration

Final Marks	Result Code	Result Decision	Exam Type
62	C	PASS	
71	B	PASS	
		DROPPED	
69	C	PASS	

**AGGREGATE:** 68

**OUTCOME:** Completed all requirements for the Qualification.

### Qualification:

Bachelor of Science in Engineering  
Completed all requirements for Qualification

**Qualified :** 22 November 2018

**The student has fulfilled the requirements for a certificate of conduct**

Please note that the codes reflected in the transcript may differ from those in use at the time of the original registration.

